

**HUMAN RESOURCES OFFICE
CALIFORNIA NATIONAL GUARD
P.O. BOX 269101
SACRAMENTO, CA 95826-9101**

ARMY TECHNICIAN VACANCY ANNOUNCEMENT #03-234

**Electronic Measurement Equipment Mechanic
R0466100/A
WG-2602-11/10
\$20.69 - \$24.16 ph
\$19.63 - \$22.89 ph**

**ANNOUNCEMENT DATE:
CLOSING DATE:**

**5 September 2003
7 October 2003**

SELECTING OFFICIAL:

HMEM Supervisor

APPOINTMENT FEATURES:

Warrant Officer/Enlisted Grade

POSITION LOCATION:

CSMS - Long Beach, CA

APPLICANTS NOT MEETING FULL QUALIFICATIONS FOR THE WG-11 POSITION INDICATED BELOW MAY BE CONSIDERED FOR THE WG-10 TRAINEE, IF QUALIFIED. STATEMENT OF DIFFERENCE OF QUALIFICATION REQUIREMENTS FOR EACH ARE INDICATED.

This position is located in the Calibration Section of a Combined Support Maintenance Shop (CSMS) or a Mobilization and Training Equipment Site (MATES) with a support maintenance mission. Its purpose is to perform calibration, repair, and certification of electronic, mechanical, and radioactive test, measurement, and reference equipment.

1. AREA OF CONSIDERATION: Statewide. All applications will be accepted; however, first consideration will be given to current permanent technicians of the California Army National Guard.

2. CONDITIONS OF EMPLOYMENT: a. Must qualify for appropriate level of security clearance required by the position. b. Must wear appropriate military uniform including required grooming standards. c. Must maintain a compatible military unit, grade, and job assignment as required by current directives. d. Must participate in PD/EFT (Direct Deposit).

3. MILITARY GRADE AVAILABLE: ENLISTED GRADE. PRIOR TO EFFECTIVE DATE OF PERSONNEL ACTION, SELECTEE MUST OCUPY A COMPATIBLE MILITARY POSITION WITHIN A COMPATIBLE UNIT IN ENLISTED GRADE OR HAVE A COMPATABILITY WAIVER APPROVED BY NATIONAL GUARD BUREAU. GRADE INVERSION IS NOT ALLOWED. IF THIS IS A SUPERVISORY POSITION, THE MILITARY GRADE OF SELECTEE MUST BE EQUAL TO OR HIGHER THAN THE MILITARY GRADE OF THOSE TO BE SUPERVISED.

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NOTICE: All National Guard applicants must state Unit of Military Assignment, Military grade and MOS/AFSC.

4. QUALIFICATION REQUIREMENTS:

a. **Electronic Measurement Equipment Mechanic, WG-2602-11/10, General:** Experience which demonstrates a working knowledge of electronic principles involved in the generation and measurement of such elements as voltage, current, impedance, capacitance, frequency and inductance. Must be skilled in the use of various precision measurement instruments and standards.

b. **Electronic Measurement Equipment Mechanic, WG-2602-11, Specialized:** Must have 15 months experience in practical application of operating principles as the production and utilization of oscillations over a broad range of frequencies; signal and waveform behavior distortion and amplification; pulse trigger and synchronization techniques, digital/analog processing and data conversion techniques; and a variety of display and indication methods; experience in the repair and maintenance of items such as microwave equipment, radar and missile test consoles, high frequency sampling and storage oscilloscopes, distortion analyzers, recording oscillographs and digital delay generators; experience in diagnosing malfunctions and determining remedy where complex relationships exist among different electronic systems requiring knowledge of units and systems with possible damage to equipment if incorrectly handled; experience in using precision measurement instruments such as pulse generators, oscilloscopes, analyzers, frequency counters and vacuum tube voltmeters, etc.; experience in interpreting and applying a variety of technical electronic information such as schematic symbols, mathematical expressions and formulas, calibration procedures, and other reference materials.

c. **Electronic Measurement Equipment Mechanic, WG-2602-10 (Trainee), Specialized:** Must have 9 months specialized experience which has provided a knowledge of theory of electronics including electromagnetism, alternating current, etc., experience in maintaining, repairing and installing circuits; arranging wiring, and mounting components; experience in diagnosing malfunctions and determining remedy where complex relationships exist among different electronic systems requiring knowledge of units and systems with possible damage to equipment if incorrectly handled; experience in using precision measurement instruments such as pulse generators, oscilloscopes, analyzers, frequency counters and vacuum tube voltmeters, etc.; and experience which demonstrates the ability to read and interpret technical manuals, specifications and publications.

CREDITING NATIONAL GUARD EXPERIENCE: NATIONAL GUARD SERVICE MAY BE CREDITED AS FULL-TIME EXPERIENCE WHEN EVALUATED AGAINST THE QUALIFICATION REQUIREMENTS FOR A MILITARY TECHNICIAN POSITION. EXPERIENCE MUST BE DIRECTLY RELATED TO THE POSITION AND MUST BE DESCRIBED IN THE WORK EXPERIENCE SECTION OF THE APPLICATION. THE LEVEL OF EXPERIENCE WILL BE DETERMINED BY THE ACTUAL DUTIES AND RESPONSIBILITIES PERFORMED.

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d. **Substitution of Education for Specialized Experience:** Study successfully completed in a college, university, technical, or vocational school, may be substituted for experience at the rate of 1 year of study (30 semester hours or 20 classroom hours of instruction per week) for 6 months of experience. Courses must be directly related to the work of the position.

TO BE CREDITABLE, XEROX COPIES OF COLLEGE TRANSCRIPTS ARE REQUIRED

5. **KNOWLEDGES, SKILLS, AND ABILITIES:** The following knowledges, skills, and abilities will be used to determine the best qualified applicants from which selection will be made:

- a. Ability to apply a comprehensive knowledge of operating electronic principles.
- b. Skill in repairing and maintaining various electronic measurement equipment.
- c. Knowledge and ability to troubleshoot and determine causes of mechanical problems.
- d. Skill in using precision instruments.
- e. Ability to read and interpret technical manuals, illustrations, specifications, diagrams and schematics to make repairs and modifications.

SELECTEE WILL BE REQUIRED TO BE ASSIGNED IN A COMPATIBLE MILITARY POSITION IN ENL: CMF 13,14, 31, 33, 35, 63, 67.

MALE SELECTEES BORN AFTER 31 DECEMBER 1959 WILL BE REQUIRED TO SIGN A PRE-APPOINTMENT CERTIFICATE STATEMENT FOR SELECTIVE SERVICE.

INSTRUCTIONS FOR APPLYING: INDIVIDUALS MAY APPLY BY SUBMITTING AN OPTIONAL FORM (OF) 612, OPTIONAL APPLICATION FOR FEDERAL EMPLOYMENT; A STANDARD FORM (SF) 171, APPLICATION FOR FEDERAL EMPLOYMENT; A RESUME OR ANY OTHER WRITTEN FORMAT. IF YOUR APPLICATION OR RESUME DOES NOT INCLUDE ALL THE ITEMS REQUESTED ON THE OF-612 AND THIS VACANCY ANNOUNCEMENT, ALONG WITH A NARRATIVE DESCRIPTION OF HOW YOU MEET THE GENERAL AND SPECIALIZED EXPERIENCE REQUIREMENTS, YOU MAY LOSE CONSIDERATION FOR THE POSITION. IF YOU DESCRIBE MORE THAN ONE TYPE OF WORK (FOR EXAMPLE, CARPENTRY AND PAINTING, OR PERSONNEL AND BUDGET), WRITE THE APPROXIMATE PERCENTAGE OF TIME YOU SPENT DOING EACH. THE ABOVE FORMS ARE AVAILABLE AT THIS OFFICE AND ANY FEDERAL AGENCY.

SUBMIT APPLICATIONS TO: THE HUMAN RESOURCES OFFICE (HRO), P.O. BOX 269101, SACRAMENTO, CA 95826-9101 (OR FOR EXPRESS MAIL: 9800 GOETHE ROAD, SACRAMENTO, CA 95826-9101). ALL APPLICATIONS MUST BE RECEIVED IN THE HUMAN RESOURCES OFFICE (HRO) BY CLOSE OF BUSINESS ON THE CLOSING DATE INDICATED ABOVE. VETERANS PREFERENCE DOES NOT APPLY.

ALL APPLICATIONS MUST BE SIGNED & DATED

THE FOLLOWING DOCUMENTS ARE NOT ACCEPTABLE AS ATTACHMENTS TO APPLICATIONS: PHOTOGRAPHS, COPIES OF POSITION DESCRIPTIONS, TRAINING CERTIFICATES, PERFORMANCE RATINGS (CIVILIAN OR MILITARY), AWARDS OR LETTERS OF APPRECIATION.

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FEDERAL LAW PROHIBITS THE USE OF GOVERNMENT ENVELOPES, POSTAGE, OR FACSIMILE (FAX) FOR SUBMISSION OF APPLICATIONS.

PERMANENT CHANGE OF STATION (PCS) EXPENSES MAY NOT BE AUTHORIZED FOR THIS POSITION. AUTHORIZATION FOR PAYMENT OF PCS EXPENSES WILL BE GRANTED ONLY AFTER DETERMINATION IS MADE THAT PAYMENT IS IN THE BEST INTEREST OF THE CALIFORNIA NATIONAL GUARD.

THE CALIFORNIA NATIONAL GUARD IS AN EQUAL OPPORTUNITY EMPLOYER